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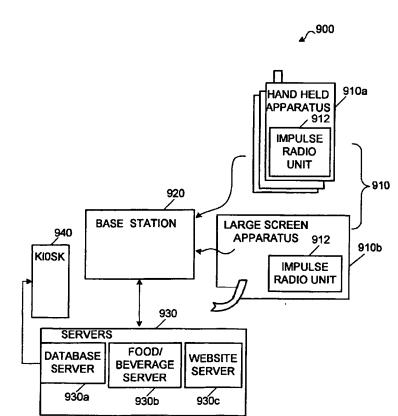
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR MANAGING GOLF RELATED INFORMATION OBTAINED IN PART BY USING IMPULSE RADIO TECHNOLOGY



(57) Abstract: An apparatus (910a, 910b), system (900) and method (1300, 1900, 2000) are provided that can overcome the shortcomings of traditional golf course positioning systems by utilizing impulse radio technology to obtain golf related information that can be used by one or more users. For instance, golfers may use the golf related information to help them make informed decisions while playing golf on the golf course (1000). And golf trainers can use the golf related information associated with a particular golfer to help that golfer improve their game. In addition, golf course personnel can use the golf related information to help manage and increase the profitability of the golf course. Moreover, golf businesses can use the golf related information to help them verify the accuracy of advertising claims made by their competitors. These are just some of the uses and advantages of the present invention.



WO 02/005900 A3

WO 02/005900 A3



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INTERNATIONAL SEARCH REPORT

bnai Application No PCT/US 01/22650

CLASSIFICATION OF SUBJECT MATTER PC 7 A63B69/36 A63B A63B71/06 G01S5/02 G01S13/02 According to International Patent Classification (IPC) or to both national classification and IPC **B. FIELDS SEARCHED** Minimum documentation searched (classification system followed by classification symbols) IPC 7 A63B G01S Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practical, search terms used) EPO-Internal, WPI Data, PAJ C. DOCUMENTS CONSIDERED TO BE RELEVANT Category * Citation of document, with indication, where appropriate, of the relevant passages Relevant to claim No. X WO 99 49333 A (TIME DOMAIN CORP) 1-5.9. 30 September 1999 (1999-09-30) 10,14, 17-19, 26-29, 43-47, 53-55,72 Y the whole document 56,61-71 WO 99 47216 A (FENDIS) Υ 56,61-71 23 September 1999 (1999-09-23) the whole document X US 5 852 672 A (LU) 1,2,11, 22 December 1998 (1998-12-22) 29.43.44 column 1, line 24 - line 38 column 15, line 45 -column 17, line 17; figures 1,20 -/--Further documents are listed in the continuation of box C. Patent family members are listed in annex. Special categories of cited documents : *T* tater document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the "A" document defining the general state of the art which is not considered to be of particular relevance invention "E" earlier document but published on or after the International "X" document of particular relevance; the claimed invention filing date cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such docu-ments, such combination being obvious to a person skilled *O* document referring to an oral disclosure, use, exhibition or document published prior to the international filing date but later than the priority date claimed *&* document member of the same patent family Date of the actual completion of the international search Date of mailing of the international search report 25 April 2002 03/05/2002 Name and mailing address of the ISA Authorized officer European Palent Office, P.B. 5818 Patentiaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Williams, M

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